

State of Tennessee  
 Department of Environment and Conservation  
 Division of Air Pollution Control  
 William R. Snodgrass Tennessee Tower  
 312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor  
 Nashville, TN 37243  
 Telephone: (615) 532-0554



SEP 30 2014

APC 100

94-0355-01  
 968454

NON-TITLE V PERMIT APPLICATION  
 FACILITY IDENTIFICATION

fee \$ 250<sup>00</sup>

Please type or print and submit in duplicate for each emission source. Attach appropriate source description forms.				
SITE INFORMATION				
1. Organization's legal name Murphy Oil USA, Inc.		For APC use only	APC Company point no. 94-0355-01	
2. Site name (if different from legal name) Murphy Express #8700			APC Log/Permit no. 069406	
3. Site address (St./Rd./Hwy.) 3028 Bellshire Village Drive		County name Sevier		
City or distance to nearest town Spring Hill		Zip code 37174	4. NAICS or SIC code 447110	
5. Site location (in lat./long.)	Latitude 35.7708	Longitude -86-9181		
CONTACT INFORMATION (RESPONSIBLE PERSON)				
6. Responsible person/Authorized contact Harry Lewis		Phone number with area code 870-875-7520		
Mailing address (St./Rd./Hwy.) 200 Peach St.		Fax number with area code 866-933-1563		
City El Dorado	State AR	Zip code 71730	Email address harry.lewis@murphyusa.com	
CONTACT INFORMATION (TECHNICAL)				
7. Principal technical contact Brad Weinischke		Phone number with area code 870-875-7610		
Mailing address (St./Rd./Hwy.) 200 Peach St.		Fax number with area code 866-933-1563		
City El Dorado	State AR	Zip code 71730	Email address brad.weinischke@murphyusa.com	
CONTACT INFORMATION (BILLING)				
8. Billing contact Anna Jones		Phone number with area code 870-881-6854		
Mailing address (St./Rd./Hwy.) 200 Peach St.		Fax number with area code 866-933-1563		
City El Dorado	State AR	Zip code 71730	Email address anna.jones@murphyusa.com	
EMISSION SOURCE INFORMATION				
9. Emission source no. (number which uniquely identifies this source) 94-03551				
10. Brief description of emission source Gas Dispensing Facility Non-ISBMG State I Vapor Recover System Pollution Reduction Device Code 047				
11. Normal operation:	Hours/Day 24	Days/Week 7	Weeks/Year 52	Days/Year 365
12. Percent annual throughput	Dec. - Feb. 25%	March - May 25%	June - August 25%	Sept. - Nov. 25%

(Over)

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TYPE OF PERMIT REQUESTED				
13. Operating permit ( X )	Date construction started 7/15/2013	Date completed 12/30/2013	Last permit no.	Emission source reference number 94-03551
Construction permit ( )	Last permit no.		Emission source reference number	
If you choose Construction permit, then choose either New Construction, Modification, or Location transfer				
	New Construction ( ✓ )	Starting date 7/15/2013	Completion date 12/30/2013	
	Modification ( )	Date modification started or will start	Date completed or will complete	
	Location transfer ( )	Transfer date	Address of last location	
14. Describe changes that have been made to this equipment or operation since the last construction or operating permit application:  None				
<b>SIGNATURE</b>				
Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application and any attached application(s) is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.				
15. Signature (application must be signed before it will be processed)			Date May 13, 2014	
Signer's name (type of print) Harry Lewis		Title Sr Director, HSSE	Phone number with area code 870-875-7520	

Table of Pollution Reduction Device or Method Codes

Note: For cyclones, settling chambers, wet scrubbers, and electrostatic precipitators; the efficiency ranges correspond to the following percentages:

High: 95-99+%, Medium: 80-95%, And Low: Less than 80%.

If the system has several pieces of connected control equipment, indicate the sequence. For example: 008\*010.97%

If none of the below codes fit, use 999 as a code for other and specify in the comments.

No Equipment.....	000	Limestone Injection - Dry.....	041
Activated Carbon Adsorption.....	048	Limestone Injection - Wet.....	042
Afterburner - Direct Flame.....	021	Liquid Filtration System.....	049
Afterburner - Direct Flame with Heat Exchanger.....	022	Mist Eliminator - High Velocity.....	014
Afterburner - Catalytic.....	019	Mist Eliminator - Low Velocity.....	015
Afterburner - Catalytic with Heat Exchanger.....	020	Process Change.....	046
Alkalized Alumina.....	040	Process Enclosed.....	054
Catalytic Oxidation - Flue Gas Desulfurization.....	039	Process Gas Recovery.....	060
Cyclone - High Efficiency.....	007	Settling Chamber - High Efficiency.....	004
Cyclone - Medium Efficiency.....	008	Settling Chamber - Medium Efficiency.....	005
Cyclone - Low Efficiency.....	009	Settling Chamber - Low Efficiency.....	006
Dust Suppression by Chemical Stabilizers or Wetting Agents.....	062	Spray Tower (Gaseous Control Only).....	052
Electrostatic Precipitator - High Efficiency.....	010	Sulfuric Acid Plant - Contact Process.....	043
Electrostatic Precipitator - Medium Efficiency.....	011	Sulfuric Acid Plant - Double Contact Process.....	044
Electrostatic Precipitator - Low Efficiency.....	012	Sulfur Plant.....	045
Fabric Filter - High Temperature.....	016	Vapor Recovery System (Including Condensers, Hooding and Other Enclosures).....	047
Fabric Filter - Medium Temperature.....	017	Venturi Scrubber (Gaseous Control Only).....	053
Fabric Filter - Low Temperature.....	018	Wet Scrubber - High Efficiency.....	001
Fabric Filter - Metal Screens (Cotton Gins).....	059	Wet Scrubber - Medium Efficiency.....	002
Flaring.....	023	Wet Scrubber - Low Efficiency.....	003
Gas Adsorption Column - Packed.....	050	Wet Suppression by Water Sprays.....	061
Gas Adsorption Column - Tray Type.....	051		
Gas Scrubber (General: Not Classified).....	013		

Table of Emission Estimation Method Codes

Not application / Emissions are known to be zero.....	0
Emissions based on source testing.....	1
Emissions based on material balance using engineering expertise and knowledge of process.....	2
Emissions calculated using emission factors from EPA publications No. AP-42 Compilation of Air Pollution Emissions Factors.....	3
Judgment.....	4
Emissions calculated using a special emission factor different from that in AP-42.....	5
Other (Specify in comments).....	6

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APC 114

### NON-TITLE V PERMIT APPLICATION GASOLINE DISPENSING FACILITY DESCRIPTION

Please type or print and submit in duplicate. Attach to the Non-Title V Facility Identification Form (APC 100). Please complete one form for each facility if multiple owned.									
<b>GENERAL IDENTIFICATION AND DESCRIPTION</b>									
1. Organization name Murphy Oil USA, Inc. (Murphy Express #8700)					For APC use only		APC Company - Point no.		
2. Emission source no. (As on Non-Title V Facility Identification Form) 94-0355-1							APC Log/Permit no.		
<b>INDEPENDENT SMALL BUSINESS MARKETER OF GASOLINE (I.S.B.M.)</b>									
3. Claiming Independent Small Business Marketer (I.S.B.M.) of Gasoline as stated in rule 1200-03-18- 24(2)?      Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>									
If yes, submit Notarized Certification stating that business satisfies the I.S.B.M. definition criteria found in 1200-03-18- 24(2) and provide the following information.									
Owner's annual income from refining or marketing of gasoline:									
Owner's total annual income									
<b>GASOLINE TANK AND DISPENSER INFORMATION</b>									
4. List gas type, capacity, and type of tank (Aboveground or Underground. Circle one), and installation date for each tank at facility. Attach additional sheet if more than 10 tanks to list.									
Tank #	Gas type	Capacity (Gal.)	Tank Type	Installation date	Tank #	Gas type	Capacity (Gal.)	Tank type	Installation date
1.	RUL	20K	AG / UG <input checked="" type="checkbox"/>		6.			AG / UG <input type="checkbox"/>	
2.	DSL	12K	AG / UG <input type="checkbox"/>		7.			AG / UG <input type="checkbox"/>	
3.	PREM	8K	AG / UG <input checked="" type="checkbox"/>		8.			AG / UG <input type="checkbox"/>	
4.			AG / UG <input type="checkbox"/>		9.			AG / UG <input type="checkbox"/>	
5.			AG / UG <input type="checkbox"/>		10.			AG / UG <input type="checkbox"/>	
5. Total number of gasoline nozzles:				16 Gas, 4 Dsl	Make:	Encore	Model:	DS3617	
6. Gasoline dispense make:				MPD	Model:	Series S			
<b>STAGE I AND II SYSTEM DESCRIPTIONS</b>									
7. Stage I system CARB executive order				G-70-97-A	Installation date:		9/1/2013		
8. Stage II system CARB executive order:				N/A	Installation date:				
Check general type of Stage II system:				Balance: <input type="checkbox"/>	Vacuum vapor assist: <input type="checkbox"/>				
9. Minimum slope of Stage II vapor return lines from dispensers to tank (inches per foot):							NA		
10. Type of pressure/vacuum vent valve (if installed) make:						Model:			
<b>THROUGHPUT AND SUPPLIER</b>									
11. Maximum monthly throughput (Gal.):				400,000	Average yearly throughput (Gal.):		4,800,000		
12. Supplier of gasoline (company name)					Supplier of gasoline (contact name)				
Mailing address (St./Rd./Hwy.)					Mailing address (St./Rd./Hwy.)				
City	State	Zip code			City	State	Zip code		
Phone number					Phone number				